



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 115178

TO: Jeffrey Parkin
Location: REM/3D39/3C18
Art Unit: 1648
Friday, March 19, 2004

Case Serial Number: 09/877606

From: Edward Hart
Location: Biotech-Chem Library
REM-1A55
Phone: 571-272-2512

edward.hart@uspto.gov

Search Notes

Examiner Parkin,

Here are the results of the search you requested.

Please feel free to contact me if you have any questions.

Edward Hart

Searches run against the **Published_Applications_AA** database on any Compugen machine between Feb 18 – Mar 16, 2004 had incomplete results.

The incomplete results were due to problem with the program that moves new applications into the **Published_Applications_AA** database. This problem was detected and corrected on Mar 17, 2004.

We have determined that a search was done for you on case in the **Published_Applications_AA** database between Feb 18 – Mar 16, 2004. This search has been rerun. The new results are attached.

STIC Database tracking #

original search completed

115178

2/26/04

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 18, 2004, 06:48:12 ; Search time 88.2279 Seconds
(without alignments)
249.481 Million cell updates/sec

Title: US-09-877-606-4
Perfect score: 452
Sequence: 1 NHTWLEWDREINNTSLIH.....SKIYHIENIARIKKLIGR 85

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues
Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA.*
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12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	290	64.2	268	9	US-09-854-816-16
2	290	64.2	344	14	US-10-040-349B-1
3	290	64.2	359	14	US-10-214-670-58
4	290	64.2	519	9	US-09-756-551A-8
5	290	64.2	856	9	US-09-476-242-1
6	290	64.2	856	14	US-10-196-515-11
7	278	61.5	177	14	US-10-040-349B-2
8	278	61.5	200	14	US-10-263-103-25
9	278	61.5	200	15	US-10-438-691-8
10	277	61.3	56	9	US-09-779-451-4
11	277	61.3	221	14	US-10-059-271-84
12	277	61.3	232	14	US-10-059-271-81
13	277	61.3	254	14	US-10-059-271-82
14	277	61.3	256	14	US-10-059-271-97
15	277	61.3	268	9	US-09-854-816-17

16	277	61.3	268	9	US-09-854-816-18
17	277	61.3	338	12	US-10-267-682-90
18	277	61.3	345	9	US-09-779-451-8
19	277	61.3	345	14	US-10-026-741-49
20	277	61.3	391	14	US-10-059-271-93
21	277	61.3	853	13	US-10-003-035-33
22	277	61.3	853	14	US-10-286-332A-33
23	277	61.3	853	15	US-10-280-915-33
24	277	61.3	861	13	US-10-026-741-103
25	277	61.3	1101	14	US-10-003-035-53
26	277	61.3	1101	14	US-10-286-332A-53
27	277	61.3	1101	15	US-10-280-915-53
28	277	61.3	1186	13	US-10-003-035-55
29	277	61.3	1186	14	US-10-286-332A-55
30	277	61.3	1186	15	US-10-280-915-55
31	274	60.6	268	9	US-09-854-816-19
32	267	59.1	58	12	US-10-267-682-210
33	267	59.1	58	14	US-10-252-136-11
34	266	58.8	759	14	US-10-196-515-12
35	262	58.0	726	14	US-10-196-515-3
36	261	57.7	48	14	US-10-351-641-547
37	260	57.5	268	9	US-09-854-816-13
38	260	57.5	269	9	US-09-854-816-46
39	257.5	57.0	108	14	US-10-263-103-33
40	256	56.6	46	9	US-09-779-451-41
41	255	56.4	47	12	US-10-267-682-219
42	255	56.4	269	9	US-09-854-816-43
43	254	56.2	268	9	US-09-854-816-9
44	253	56.0	269	9	US-09-854-816-12
45	252.5	55.9	57	12	US-10-267-682-158

ALIGNMENTS

RESULT 1

US-09-854-816-16
; Sequence 16, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovastnik
; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of Making Same
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:

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;
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-854-816-16
Query Match 64.2%; Score 290; DB 9; Length 268;
Best Local Similarity 98.1%; Pred. No. 6.6e-21;
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEWDREINNYTSLIHSLSIESQKQKNEQELLELDKWSLNNWFNI 52
Db 154 NHTTWLEWDREINNYTSLIHSLSIESQKQKNEQELLELDKWSLNNWFNI 205

RESULT 2
US-10-040-349B-1
; Sequence 1, Application US/10040349B
; Publication No. US20030082521A1
; GENERAL INFORMATION:
; APPLICANT: Brasseur, Robert
; APPLICANT: Charloteaux, Benoit
; APPLICANT: Chevallier, Michel
; APPLICANT: El Habib, Raphaelle
; APPLICANT: Krell, Tino
; TITLE OF INVENTION: Polypeptide Inducing Antibodies Neutralizing HIV
; FILE REFERENCE: 01-078-A
; CURRENT APPLICATION NUMBER: US/10/040,349B
; CURRENT FILING DATE: 2002-07-09
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 344
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus type 1
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: (1)..(344)
; OTHER INFORMATION: gp41 LAI protein
US-10-040-349B-1
Query Match 64.2%; Score 290; DB 14; Length 344;
Best Local Similarity 98.1%; Pred. No. 8.7e-21;
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEWDREINNYTSLIHSLSIESQKQKNEQELLELDKWSLNNWFNI 52
Db 113 NHTTWLEWDREINNYTSLIHSLSIESQKQKNEQELLELDKWSLNNWFNI 164

RESULT 3
US-10-214-670-58
; Sequence 58, Application US/10214670
; Publication No. US20030180715A1
; GENERAL INFORMATION:
; APPLICANT: Tibotec Pharmaceuticals Ltd.
; TITLE OF INVENTION: Methods and means for assessing HIV envelope inhibitor
; FILE REFERENCE: VIP-0021 seq listing
; CURRENT APPLICATION NUMBER: US/10/214,670
; CURRENT FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: EP 01203011.0
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/310497
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 359

; TYPE: PRT
; ORGANISM: Human immunodeficiency virus
US-10-214-670-58
Query Match 64.2%; Score 290; DB 14; Length 359;
Best Local Similarity 98.1%; Pred. No. 9.1e-21;
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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Db 135 NHTTWLEWDREINNYTSLIHSLSIESQKQKNEQELLELDKWSLNNWFNI 186

RESULT 4
US-09-756-551A-8
; Sequence 8, Application US/09756551A
; Patent No. US20020051768A1
; GENERAL INFORMATION:
; APPLICANT: C. Morrow et al.
; TITLE OF INVENTION: ENCAPSIDATED RECOMBINANT VIRAL
; TITLE OF INVENTION: NUCLEIC ACID AND METHODS OF MAKING AND
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 STATE STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/756,551A
; FILING DATE: 08-JAN-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/376,184
; FILING DATE: 17-AUG-1999
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/389,459
; FILING DATE: 15-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/087,009
; FILING DATE: 01-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauro, Peter C.
; REGISTRATION NUMBER: 32,360
; REFERENCE/DOCKET NUMBER: UAI-004CPDV2CN
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 519 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-756-551A-8
Query Match 64.2%; Score 290; DB 9; Length 519;
Best Local Similarity 98.1%; Pred. No. 1.4e-20;
Matches 51; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 NHTTWLEWDREINNYTSLIHSLSIESQKQKNEQELLELDKWSLNNWFNI 52
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; APPLICANT: NICOLAUS, STEFAN
; TITLE OF INVENTION: PROTEIN HAVING MULTIPLE ANTIGEN/EPITOPE SEQUENCES AND
; FILE REFERENCE: ALBRE-22
; CURRENT APPLICATION NUMBER: US/10/059,271
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: DE 101 06 295
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 82
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-10-059-271-82

Query Match 61.3%; Score 277; DB 14; Length 254;
Best Local Similarity 94.2%; Pred. No. 1.2e-19;
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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Db 152 NNMTWMEWDREINNYTSLIHSLSIESQKQKNEQELLELDKQWASLWNNWFI 203

RESULT 14
US-10-059-271-97
; Sequence 97, Application US/10059271
; Publication No. US20030082208A1
; GENERAL INFORMATION:
; APPLICANT: REPKKE, HEINRICH
; APPLICANT: BUDDIE, ECKHARD
; APPLICANT: NICOLAUS, STEFAN
; TITLE OF INVENTION: PROTEIN HAVING MULTIPLE ANTIGEN/EPITOPE SEQUENCES AND
; FILE REFERENCE: ALBRE-22
; CURRENT APPLICATION NUMBER: US/10/059,271
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: DE 101 06 295
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 256
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-10-059-271-97

Query Match 61.3%; Score 277; DB 14; Length 256;
Best Local Similarity 94.2%; Pred. No. 1.2e-19;
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 NHTTWLEWDREINNYTSLIHSLSIESQKQKNEQELLELDKQWASLWNNWFI 52
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RESULT 15
US-09-854-816-17
; Sequence 17, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovasnik
```

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; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
; US-09-854-816-17

Query Match 61.3%; Score 277; DB 9; Length 268;
Best Local Similarity 94.2%; Pred. No. 1.3e-19;
Matches 49; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 NHTTWLEWDREINNYTSLIHSLSIESQKQKNEQELLELDKQWASLWNNWFI 52
Db 154 NNMTWMEWDREINNYTSLIHSLSIESQKQKNEQELLELDKQWASLWNNWFI 205

Search completed: March 18, 2004, 06:55:45
Job time : 89.2279 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 06:48:12 ; Search time 7.26582 Seconds
(without alignments)
249.481 Million cell updates/sec

Title: US-09-877-606-5
Perfect score: 48
Sequence: 1 LNWVFDI 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_AA*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
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11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
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17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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5	48	100.0	268	9	US-09-854-816-14
6	48	100.0	268	9	US-09-854-816-26
7	48	100.0	268	9	US-09-854-816-35
8	48	100.0	268	9	US-09-854-816-39
9	48	100.0	268	9	US-09-854-816-40
10	48	100.0	268	9	US-09-854-816-68
11	48	100.0	268	9	US-09-854-816-70
12	48	100.0	268	9	US-09-854-816-71
13	48	100.0	268	9	US-09-854-816-72
14	48	100.0	269	9	US-09-854-816-20
15	48	100.0	269	9	US-09-854-816-21

16	48	100.0	269	9	US-09-854-816-22	Sequence 22, Appl
17	48	100.0	269	9	US-09-854-816-33	Sequence 33, Appl
18	48	100.0	269	9	US-09-854-816-34	Sequence 34, Appl
19	48	100.0	269	9	US-09-854-816-37	Sequence 37, Appl
20	48	100.0	269	9	US-09-854-816-96	Sequence 36, Appl
21	48	100.0	270	9	US-09-854-816-67	Sequence 67, Appl
22	48	100.0	351	9	US-09-886-156-46	Sequence 46, Appl
23	48	100.0	351	9	US-09-886-150-46	Sequence 46, Appl
24	48	100.0	351	10	US-09-886-149-46	Sequence 46, Appl
25	48	100.0	351	10	US-09-886-159-46	Sequence 46, Appl
26	48	100.0	351	14	US-10-326-090-46	Sequence 46, Appl
27	48	100.0	360	14	US-10-214-670-59	Sequence 59, Appl
28	48	100.0	360	14	US-10-214-670-60	Sequence 60, Appl
29	48	100.0	360	14	US-10-214-670-61	Sequence 61, Appl
30	48	100.0	579	14	US-10-032-162-15	Sequence 15, Appl
31	48	100.0	619	9	US-09-891-609-4	Sequence 4, Appl
32	48	100.0	625	14	US-10-032-162-17	Sequence 17, Appl
33	48	100.0	643	12	US-10-375-657-7	Sequence 7, Appl
34	48	100.0	643	14	US-10-032-162-13	Sequence 13, Appl
35	48	100.0	646	9	US-09-891-609-2	Sequence 2, Appl
36	48	100.0	842	14	US-10-190-435-2	Sequence 2, Appl
37	48	100.0	842	14	US-10-241-009-2	Sequence 2, Appl
38	48	100.0	842	14	US-10-190-434B-2	Sequence 2, Appl
39	48	100.0	842	14	US-10-190-305A-2	Sequence 2, Appl
40	48	100.0	847	9	US-09-476-242-2	Sequence 2, Appl
41	48	100.0	853	14	US-10-190-435-133	Sequence 133, App
42	48	100.0	854	14	US-10-369-294-16	Sequence 16, Appl
43	48	100.0	854	14	US-10-369-294-17	Sequence 17, Appl
44	48	100.0	857	14	US-10-190-435-132	Sequence 132, App
45	48	100.0	859	14	US-10-190-435-137	Sequence 137, App

ALIGNMENTS

RESULT 1
US-10-000-321-10
; Sequence 10, Application US/10000321
; Publication No. US20020123039A1
; GENERAL INFORMATION:
; APPLICANT: BRUST, Stefan
; KNAPP, Stefan
; GERKEN, Manfred
; GUERTLER, Lutz
; TITLE OF INVENTION: Peptides derived from a retrovirus of
; the HIV group, and their use
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/10/000,321
; FILING DATE: 04-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/131,551
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDERCOCK, Colin G.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 58315/106/BEAK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399

```

;          TELEX: 904136
;
; INFORMATION FOR SEQ ID NO: 10:
;
;   SEQUENCE CHARACTERISTICS:
;
;       LENGTH: 146 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: <Unknown>
;       TOPOLOGY: linear
;
;   SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-000-321-10

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Query Match      100.0%; Score 48; DB 13; Length 146;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 LWNWEDI 7
138 LWNWEDI 144

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RESULT 2
US-09-854-816-15
; Sequence 15, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovaanik
; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
;

```

```
Query Match      100.0%; Score 48; DB 9; Length 267;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 LWNWFDI 7
|||||

Db 198 LWNWFDI 204

RESULT 3
US-09-854-816-8
; Sequence 8, Application US/09854816
; Patent No. US20020151473A1

```

Query Match      100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 LWNWFDI 7
199 LWNWFDI 205
Db

RESULT 4
US-09-854-816-13
; Sequence 13, Application US/09854816
; Patent No. US20020151473A1

Qy 1 LWNWFDI 7
|||||


```

; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-854-816-26
Query Match      100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LWNWFDI 7
Db      199 LWNWFDI 205

RESULT 7
US-09-854-816-35
; Sequence 35, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovaenik
; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, Ph.D., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-09-854-816-35
Query Match      100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LWNWFDI 7
Db      199 LWNWFDI 205

RESULT 8
US-09-854-816-39
; Sequence 39, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovaenik
; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, Ph.D., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-854-816-39
Query Match      100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LWNWFDI 7
Db      199 LWNWFDI 205

RESULT 9
US-09-854-816-40
; Sequence 40, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovaenik
; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, Ph.D., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-854-816-40
Query Match      100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LWNWFDI 7
Db      199 LWNWFDI 205
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; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 40:
; US-09-854-816-40
;
; Query Match 100.0%; Score 48; DB 9; Length 268
; Best Local Similarity 100.0%; Pred. No. 17; Mismatches 0;
; Matches 7; Conservative 0; Mismatches 0;
;
; QY 1 LNNWFDI 7
; | | | | |
; Db 199 LNNWFDI 205
;
; RESULT 10
; US-09-854-816-68
; Sequence 68, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovasnik
; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides
; Making Same
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700

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; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-854-816-68
Query Match 100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gap

QY 1 LWNWFDI 7
DB 199 LWNWFDI 205

RESULT 11
US-09-854-816-70
; Sequence 70, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovasnik
; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; MAKING SAME
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, Ph.D., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 70:
US-09-854-816-70
Query Match 100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gap

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Query Match 100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels

```
QY      1  LWNWFDI 7
      |||||
Db      199 LWNWFDI 205

RESULT 12
US-09-854-816-71
; Sequence 71, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovansk
; James A. Wells
;
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
;
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
;
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 71:
US-09-854-816-71

Query Match      100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  LWNWFDI 7
      |||||
Db      199 LWNWFDI 205

RESULT 13
US-09-854-816-72
; Sequence 72, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovansk
; James A. Wells
;
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
;
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
;
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 71:
US-09-854-816-72

Query Match      100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  LWNWFDI 7
      |||||
Db      199 LWNWFDI 205
```

```
;
;
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
;
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
;
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 268 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 72:
US-09-854-816-72

Query Match      100.0%; Score 48; DB 9; Length 268;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  LWNWFDI 7
      |||||
Db      199 LWNWFDI 205

RESULT 14
US-09-854-816-20
; Sequence 20, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovansk
; James A. Wells
;
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
;
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
;
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 269 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-854-816-20

Query Match 100.0%; Score 48; DB 9; Length 269;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LWNWFDI 7
| | | | |
Db 200 LWNWFDI 206

RESULT 15
US-09-854-816-21
; Sequence 21, Application US/09854816
; Patent No. US20020151473A1
; GENERAL INFORMATION:
; APPLICANT: Andrew C. Braisted
; J. Kevin Judice
; Robert S. McDowell
; J. Christopher Phelan
; Melissa A. Starovashnik
; James A. Wells
; TITLE OF INVENTION: Constrained Helical Peptides and Methods of
; Making Same
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/854,816
; FILING DATE: 15-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/965,056
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Torchia, PhD., Timothy E.
; REGISTRATION NUMBER: 36,700
; REFERENCE/DOCKET NUMBER: P1005R2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650/225-8674
; TELEFAX: 650/952-9881
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 269 amino acids

; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-854-816-21
Query Match 100.0%; Score 48; DB 9; Length 269;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 LWNWFDI 7
| | | | |
Db 200 LWNWFDI 206

Search completed: March 18, 2004, 06:55:45
Job time : 7.26582 secs

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OM protein - protein search, using sw model

Run on: March 18, 2004, 06:48:12 ; Search time 7.26582 Seconds
(without alignments)
249.481 Million cell updates/sec

Title: US-09-877-606-7

Perfect score: 48

Sequence: 1 LNWFWNI 7

Scoring table: BLOSUM62

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Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

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Post-processing: Minimum Match 0%

Maximum Match 100%

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- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
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- 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	48	100.0	36	12	US-10-267-682-232
2	48	100.0	36	12	Sequence 232, App
3	48	100.0	36	14	Sequence 233, App
4	48	100.0	36	14	Sequence 56, App1
5	48	100.0	36	14	Sequence 57, App1
6	48	100.0	36	14	Sequence 58, App1
7	48	100.0	36	14	Sequence 549, App
8	48	100.0	36	14	Sequence 550, App
9	48	100.0	36	14	Sequence 551, App
10	48	100.0	36	14	Sequence 552, App
11	48	100.0	36	14	Sequence 553, App
12	48	100.0	36	14	Sequence 554, App
13	48	100.0	36	14	Sequence 555, App
14	48	100.0	36	14	Sequence 556, App
15	48	100.0	36	14	Sequence 557, App
					Sequence 558, App

16	48	100.0	36	14	US-10-351-641-559	Sequence 559, App
17	48	100.0	36	14	US-10-351-641-560	Sequence 560, App
18	48	100.0	38	14	US-10-351-641-776	Sequence 776, App
19	48	100.0	39	14	US-10-351-641-777	Sequence 777, App
20	48	100.0	40	14	US-10-351-641-778	Sequence 778, App
21	48	100.0	40	14	US-10-351-641-781	Sequence 781, App
22	48	100.0	49	12	US-10-267-682-160	Sequence 160, App
23	48	100.0	49	14	US-10-252-136-13	Sequence 13, Appl
24	48	100.0	56	9	US-09-779-451-4	Sequence 4, Appli
25	48	100.0	177	14	US-10-040-349B-2	Sequence 2, Appli
26	48	100.0	200	14	US-10-263-103-25	Sequence 25, Appl
27	48	100.0	200	15	US-10-438-691-8	Sequence 8, Appli
28	48	100.0	221	14	US-10-059-271-84	Sequence 84, Appl
29	48	100.0	232	14	US-10-059-271-81	Sequence 81, Appl
30	48	100.0	254	14	US-10-059-271-82	Sequence 82, Appl
31	48	100.0	256	14	US-10-059-271-97	Sequence 97, Appl
32	48	100.0	268	9	US-09-854-816-9	Sequence 9, Appli
33	48	100.0	268	9	US-09-854-816-10	Sequence 10, Appl
34	48	100.0	268	9	US-09-854-816-16	Sequence 16, Appl
35	48	100.0	268	9	US-09-854-816-17	Sequence 17, Appl
36	48	100.0	268	9	US-09-854-816-18	Sequence 18, Appl
37	48	100.0	268	9	US-09-854-816-19	Sequence 19, Appl
38	48	100.0	268	9	US-09-854-816-41	Sequence 41, Appl
39	48	100.0	269	9	US-09-854-816-12	Sequence 12, Appl
40	48	100.0	269	9	US-09-854-816-31	Sequence 31, Appl
41	48	100.0	269	9	US-09-854-816-43	Sequence 43, Appl
42	48	100.0	269	9	US-09-854-816-44	Sequence 44, Appl
43	48	100.0	269	9	US-09-854-816-46	Sequence 46, Appl
44	48	100.0	338	12	US-10-267-682-90	Sequence 90, Appl
45	48	100.0	344	14	US-10-040-349B-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-10-267-682-232

; Sequence 232, Application US/10267682

; Publication No. US2004003235A1

; GENERAL INFORMATION:

; APPLICANT: Bolognesi, Dani P.

; Matthews, Thomas J.

; Wild, Carl T.

; Barney, Shawn O.

; Lambert, Dennis M.

; Petteway, Stephen R.

; Langlois, Alphonse J.

; TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF

; MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV

; TRANSMISSION

; NUMBER OF SEQUENCES: 239

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: USA

; ZIP: 10036-2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA: US/10/267,682

; APPLICATION NUMBER: US/10/267,682

; FILING DATE: 08-Oct-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/484,223A

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A.

; REGISTRATION NUMBER: 30,742

```
; REFERENCE/DOCKET NUMBER: 7872-029
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 232:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 232:
US-10-267-682-232

Query Match 100.0%; Score 48; DB 12; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LWNWFNI 7
QB 30 LWNWFNI 36

RESULT 2
US-10-267-682-233
; Sequence 233, Application US/10267682
; Publication No. US2004003235A1
; GENERAL INFORMATION:
; APPLICANT: Bolognesi, Dani P.
; Matthews, Thomas J.
; Wild, Carl T.
; Barney, Shawn O.
; Lambert, Dennis M.
; Petteway, Stephen R.
; Langlois, Alphonse J.
; TITLE OF INVENTION: COMPOSITIONS FOR INHIBITION OF
; MEMBRANE FUSION-ASSOCIATED EVENTS, INCLUDING HIV
; TRANSMISSION
; NUMBER OF SEQUENCES: 239
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/10/267,682
; FILING DATE: 08-Oct-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,223A
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Cortuzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7872-029
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: unknown

; REFERENCE/DOCKET NUMBER: 7872-029
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: unknown

; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 233:
US-10-267-682-233

Query Match 100.0%; Score 48; DB 12; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LWNWFNI 7
DB 29 LWNWFNI 35

RESULT 3
US-10-252-136-56
; Sequence 56, Application US/10252136
; Publication No. US20030103998A1
; GENERAL INFORMATION:
; APPLICANT: Johnson, M. Ross
; APPLICANT: Lambert, Dennis M.
; TITLE OF INVENTION: TREATMENT OF HUMAN IMMUNODEFICIENCY VIRUS AND OTHER
; TITLE OF INVENTION: VIRAL INFECTIONS
; TITLE OF INVENTION: USING COMBINATORY THERAPY
; FILE REFERENCE: 7872-036
; CURRENT APPLICATION NUMBER: US/10/252,136
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/08/973,952
; PRIOR FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 56
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus
US-10-252-136-56

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LWNWFNI 7
DB 27 LWNWFNI 33

RESULT 4
US-10-252-136-57
; Sequence 57, Application US/10252136
; Publication No. US20030103998A1
; GENERAL INFORMATION:
; APPLICANT: Johnson, M. Ross
; APPLICANT: Lambert, Dennis M.
; TITLE OF INVENTION: TREATMENT OF HUMAN IMMUNODEFICIENCY VIRUS AND OTHER
; TITLE OF INVENTION: VIRAL INFECTIONS
; TITLE OF INVENTION: USING COMBINATORY THERAPY
; FILE REFERENCE: 7872-036
; CURRENT APPLICATION NUMBER: US/10/252,136
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/08/973,952
; PRIOR FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 57
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus
US-10-252-136-57

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LWNWFNI 7
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Db          29 LMNWFNI 35
|||||
RESULT 5
US-10-252-136-58
; Sequence 58, Application US/10252136
; Publication No. US20030103998A1
; GENERAL INFORMATION:
; APPLICANT: Johnson, M. Ross
; APPLICANT: Lambert, Dennis M.
; TITLE OF INVENTION: TREATMENT OF HUMAN IMMUNODEFICIENCY VIRUS AND OTHER
; TITLE OF INVENTION: VIRAL INFECTIONS
; TITLE OF INVENTION: USING COMBINATORY THERAPY
; FILE REFERENCE: 7872-036
; CURRENT APPLICATION NUMBER: US/10/252,136
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/08/973,952
; PRIOR FILING DATE: 1998-05-29
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 58
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Human immunodeficiency virus
US-10-252-136-58

Query Match          100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LMNWFNI 7
        |||||
Db      30 LMNWFNI 36

RESULT 6
US-10-351-641-549
; Sequence 549, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 549
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-549

Query Match          100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LMNWFNI 7
        |||||
Db      30 LMNWFNI 36

RESULT 7
US-10-351-641-550
; Sequence 550, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 550
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-550

Query Match          100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 LMNWFNI 7
        |||||
Db      20 LMNWFNI 26

RESULT 8
US-10-351-641-551
; Sequence 551, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 551
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-551
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Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LWNWFNI 7
Db 21 LWNWFNI 27

RESULT 9

US-10-351-641-552
; Sequence 552, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 552
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-552

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LWNWFNI 7
Db 22 LWNWFNI 28

RESULT 10

US-10-351-641-553
; Sequence 553, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSeq for Windows Version 3.0

>

; SEQ ID NO 553
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-553

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LWNWFNI 7
Db 23 LWNWFNI 29

RESULT 11

US-10-351-641-554
; Sequence 554, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 554
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-554

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LWNWFNI 7
Db 24 LWNWFNI 30

RESULT 12

US-10-351-641-555
; Sequence 555, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641

;
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 555
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-555

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LNNWFNI 7
Db 25 LNNWFNI 31

RESULT 13
US-10-351-641-556
; Sequence 556, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-556

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LNNWFNI 7
Db 26 LNNWFNI 32

RESULT 14
US-10-351-641-557
; Sequence 557, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.

;
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 557
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-557

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LNNWFNI 7
Db 27 LNNWFNI 33

RESULT 15
US-10-351-641-558
; Sequence 558, Application US/10351641
; Publication No. US20030186874A1
; GENERAL INFORMATION:
; APPLICANT: Barney, S.
; APPLICANT: Guthrie, K.
; APPLICANT: Merutka, G.
; APPLICANT: Anwer, M.
; APPLICANT: Lambert, D.
; TITLE OF INVENTION: HYBRID POLYPEPTIDES WITH ENHANCED PHARMACOKINETIC
; FILE REFERENCE: 7872-100
; CURRENT APPLICATION NUMBER: US/10/351,641
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/350,641
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 09/315,304
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/082,279
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 1757
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 558
; LENGTH: 36
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Core polypeptide
US-10-351-641-558

Query Match 100.0%; Score 48; DB 14; Length 36;
Best Local Similarity 100.0%; Pred. No. 4.7;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LNNWFNI 7
Db 28 LNNWFNI 34

Search completed: March 18, 2004, 06:55:45
Job time : 7.26582 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: March 18, 2004, 06:48:12 ; Search time 7.26582 Seconds
(without alignments)
249.481 Million cell updates/sec

Title: US-09-877-606-8

Perfect score: 7

Sequence: 1 XXXXXX 7

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1049977 seqs, 258955339 residues

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	0	0.0	1	9	US-09-982-172-3
3	0	0.0	1	9	US-09-982-172-4
4	0	0.0	1	9	US-09-982-172-9
5	0	0.0	1	9	US-09-982-172-11
6	0	0.0	1	9	US-09-982-172-19
7	0	0.0	1	9	US-09-982-172-31
8	0	0.0	1	9	US-09-982-172-35
9	0	0.0	1	9	US-09-982-172-37
10	0	0.0	1	9	US-09-982-172-46
11	0	0.0	1	9	US-09-982-172-69
12	0	0.0	1	9	US-09-982-172-80
13	0	0.0	1	9	US-09-982-172-81
14	0	0.0	1	9	US-09-982-172-83
15	0	0.0	1	9	US-09-982-172-86

16	0	0.0	1	9	US-09-982-172-93	Sequence 93, Appl
17	0	0.0	1	9	US-09-982-172-95	Sequence 95, Appl
18	0	0.0	1	9	US-09-982-172-106	Sequence 106, App
19	0	0.0	1	9	US-09-982-172-112	Sequence 112, App
20	0	0.0	1	9	US-09-982-172-120	Sequence 120, App
21	0	0.0	1	9	US-09-982-172-126	Sequence 126, App
22	0	0.0	1	9	US-09-982-172-148	Sequence 148, App
23	0	0.0	1	9	US-09-982-172-149	Sequence 149, App
24	0	0.0	1	9	US-09-982-172-155	Sequence 155, App
25	0	0.0	1	9	US-09-982-172-160	Sequence 160, App
26	0	0.0	1	9	US-09-982-172-172	Sequence 172, App
27	0	0.0	1	9	US-09-982-172-173	Sequence 173, App
28	0	0.0	1	9	US-09-982-172-175	Sequence 175, App
29	0	0.0	1	9	US-09-982-172-189	Sequence 189, App
30	0	0.0	1	9	US-09-982-172-190	Sequence 190, App
31	0	0.0	1	9	US-09-982-172-191	Sequence 191, App
32	0	0.0	1	9	US-09-982-172-195	Sequence 195, App
33	0	0.0	1	9	US-09-982-172-200	Sequence 200, App
34	0	0.0	1	9	US-09-982-172-211	Sequence 211, App
35	0	0.0	1	10	US-09-809-391-395	Sequence 395, App
36	0	0.0	1	10	US-09-809-391-611	Sequence 611, App
37	0	0.0	1	10	US-09-882-171-395	Sequence 395, App
38	0	0.0	1	10	US-09-882-171-611	Sequence 611, App
39	0	0.0	1	11	US-09-833-245-184	Sequence 184, App
40	0	0.0	1	11	US-09-833-245-186	Sequence 186, App
41	0	0.0	1	11	US-09-833-245-325	Sequence 325, App
42	0	0.0	1	11	US-09-833-245-500	Sequence 500, App
43	0	0.0	1	11	US-09-833-245-744	Sequence 744, App
44	0	0.0	1	11	US-09-833-245-1045	Sequence 1045, Ap
45	0	0.0	1	11	US-09-833-245-1119	Sequence 1119, Ap

ALIGNMENTS

RESULT 1

US-09-909-348-4
; Sequence 4, Application US/09909348
; Patent No. US20020042373A1
; GENERAL INFORMATION:
; APPLICANT: Carney, Darrell H.
; APPLICANT: Crowther, Roger S.
; APPLICANT: Stiernberg, Janet
; APPLICANT: Bergmann, John
; TITLE OF INVENTION: Stimulation Of Cartilage Growth With Agonists
; FILE REFERENCE: Of The No. US20020042373A1-Proteolytically Activated Thrombin R
; CURRENT APPLICATION NUMBER: US/09/909,348
; CURRENT FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: US 60/219,800
; PRIOR FILING DATE: 2000-07-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; TYPE: PRT
; LENGTH: 14
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Peptide fragment of Thrombin
; NAME/KEY: VARIANT
; LOCATION: (1)...(14)
; OTHER INFORMATION: Xaa at position six is Glu or Gln
; OTHER INFORMATION: Xaa at position thirteen is Phe, Met, Leu, His or
US-09-909-348-4

Query Match 0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1

DB 1 V 1

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RESULT 2
US-09-982-172-3
; Sequence 3, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-3
Query Match          0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 X 1
Db      1 K 1

RESULT 3
US-09-982-172-4
; Sequence 4, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-4
Query Match          0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 X 1
Db      1 K 1

RESULT 4
US-09-982-172-9
; Sequence 9, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; FILE REFERENCE: 01/22283
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; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-9
Query Match          0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 X 1
Db      1 K 1

RESULT 5
US-09-982-172-11
; Sequence 11, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-11
Query Match          0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 X 1
Db      1 K 1

RESULT 6
US-09-982-172-19
; Sequence 19, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-19
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Query Match 0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1
DB 1 K 1

RESULT 7

US-09-982-172-31
; Sequence 31, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; TITLE OF INVENTION: UTILIZING EACH
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-31

Query Match 0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1
DB 1 K 1

RESULT 8

US-09-982-172-35
; Sequence 35, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; TITLE OF INVENTION: UTILIZING EACH
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-35

Query Match 0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1
DB 1 R 1

RESULT 9

US-09-982-172-37
; Sequence 37, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; TITLE OF INVENTION: UTILIZING EACH
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-37

Query Match 0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1
DB 1 K 1

RESULT 10

US-09-982-172-46
; Sequence 46, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; TITLE OF INVENTION: UTILIZING EACH
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46
; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide
US-09-982-172-46

Query Match 0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1
DB 1 K 1

RESULT 11

US-09-982-172-69
; Sequence 69, Application US/09982172
; Patent No. US20020137119A1
; GENERAL INFORMATION:
; APPLICANT: Emil Israel Katz
; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING
; TITLE OF INVENTION: UTILIZING EACH
; FILE REFERENCE: 01/22283
; CURRENT APPLICATION NUMBER: US/09/982,172
; CURRENT FILING DATE: 2001-10-19

; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 69

; LENGTH: 1
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Computer generated synthetic peptide

US-09-982-172-69

Query Match 0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1

DB 1 K 1

RESULT 12

US-09-982-172-80
; Sequence 80, Application US/09982172
; Patent No. US20020137119A1

; GENERAL INFORMATION:

; APPLICANT: Emil Israel Katz

; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING

; FILE REFERENCE: 01/22283

; CURRENT APPLICATION NUMBER: US/09/982,172

; CURRENT FILING DATE: 2001-10-19

; NUMBER OF SEQ ID NOS: 253

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 80

; LENGTH: 1

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Computer generated synthetic peptide

US-09-982-172-80

Query Match 0.0%; Score 0; DB 9; Length 1;
Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1

DB 1 K 1

RESULT 13

US-09-982-172-81
; Sequence 81, Application US/09982172
; Patent No. US20020137119A1

; GENERAL INFORMATION:

; APPLICANT: Emil Israel Katz

; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING

; FILE REFERENCE: 01/22283

; CURRENT APPLICATION NUMBER: US/09/982,172

; CURRENT FILING DATE: 2001-10-19

; NUMBER OF SEQ ID NOS: 253

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 81

; LENGTH: 1

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Computer generated synthetic peptide

US-09-982-172-81

Query Match 0.0%; Score 0; DB 9; Length 1;

Best Local Similarity 0.0%; Pred. No. 0;
Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1

DB 1 R 1

RESULT 14

US-09-982-172-83

; Sequence 83, Application US/09982172
; Patent No. US20020137119A1

; GENERAL INFORMATION:

; APPLICANT: Emil Israel Katz

; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING

; FILE REFERENCE: 01/22283

; CURRENT APPLICATION NUMBER: US/09/982,172

; CURRENT FILING DATE: 2001-10-19

; NUMBER OF SEQ ID NOS: 253

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 83

; LENGTH: 1

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Computer generated synthetic peptide

US-09-982-172-83

Query Match

Best Local Similarity 0.0%; Score 0; DB 9; Length 1;

Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1

DB 1 R 1

RESULT 15

US-09-982-172-86

; Sequence 86, Application US/09982172
; Patent No. US20020137119A1

; GENERAL INFORMATION:

; APPLICANT: Emil Israel Katz

; TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND ANTIBODIES
; TITLE OF INVENTION: DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING

; FILE REFERENCE: 01/22283

; CURRENT APPLICATION NUMBER: US/09/982,172

; CURRENT FILING DATE: 2001-10-19

; NUMBER OF SEQ ID NOS: 253

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 86

; LENGTH: 1

; TYPE: PRT

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Computer generated synthetic peptide

US-09-982-172-86

Query Match

Best Local Similarity 0.0%; Score 0; DB 9; Length 1;

Matches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 X 1

DB 1 K 1

Search completed: March 18, 2004, 06:55:45

Job time : 7.26582 secs